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Location Map Pinned	Approval Letter	
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I W R for State or Fee Land		
COMPLETION DATA:		
Date Well Completed 6-8-59	Location Inspected	***************************************
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This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

J. J. Velten - Division Civil Engineer

The Texas Company

Registered Professional Engineer - State of Texas

D

March 18, 1959

The Texas Company P. O. Box 1720 Fort Worth 1, Texas

Attention: J. J. Velten,

Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo P-18, which is to be located 660 feet from the north line and 660 feet from the west line of Section 34, Township 40 South, Range 25 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT EXECUTIVE SECRETARY

CBF: co

cc: Phil McGrath, Dist. Eng. USGS, Farmington, New Mexico

 (Apri	1 1952)	U

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Agency	MAYAJO
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Allottee	
Lease No.	-20-603-2057

SUNDRY NOTICES AND REPORTS ON WELLS

	1 .	<u>, </u>
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.		SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tzibe "P"		June 30	19. 59
Well No 18 is locate	d 660 ft. from line a	and $ft. \text{ from } \begin{cases} E \\ W \end{cases}$ line of second	c. 34
MM4 of Section 34	40-S 25-E	SLM	
(¼ Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
McElmo Creek	San Juan	Utah	
(Field)	(County or Subdivision)	(State or Territory)	

The elevation of the derrick floor above sea level is 4969 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

Spudded 11:00 A.M., May 13, 1959.

Drilled 11" hole to 1500' and cemented 1490' of 8-5/8" O.D. casing at 1500' with 1000 sacks of cement. Cement circulated. Tested casing with 800f pressure for 30 minutes. Tested OK.



	that this plan of work must receive approval in writing by	y the Geological Survey before operations may be commenced.
	Box 817	.a
	Farmington, New Mexico	By C. A. III Elect
~		Title Asst. Dist. Supt.

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Agency NEVE JO
Allottee
Lease No. 14-20-603-205

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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "P" Well No. 18 is loca	ted 660 ft.	from $\binom{N}{c}$ line a	and 660 ft. from $\binom{47}{W}$ line of	sec. 34
NW1 of Sec. 34	40-8	25-E	SIM	
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
McBlmo Creek (Field)	,	Juan unty or Subdivision)	Utah (State or Territory)	·

The elevation of the derrick floor above sea level is .4969. ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 6-3/4" hole to 5917' and cemented 5907' of 4-1/2" 0.D. casing at 5917' with 250 sacks of cement. Top of cement 4500%. Tested casing with 800% pressure for 30 minutes. Tested 0.K.

	I understand that this plan of work must receive approval in writing b	y the Geological Survey before operations may be commenced.
	Company TEXACO Inc.	
(Address P. O. Box 817	1.11.00
JA .	Farmington, New Mexico	By C.H.M. Coof
3 \	<i>A</i>	Title Asst. Dist. Sup't.

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Ag	ency Navajo
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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	· •	July 31	, 1959
Navajo Tribe "F Well No. 18	is located 660 ft. from $\begin{bmatrix} N \\ + \end{bmatrix}$ lin	te and 660 ft. from $\{W\}$ line of	sec. 34
NWi of Sec. 34	40-S 25-E	SIM	
(¼ Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
MoElmo Cree	k San Juan	Utah	
(Field)	(County or Subdivision	(State or Territory)	

The elevation of the derrick floor above sea level is 4969 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5917'. Plugged back depth 5914'.

Perforated 4-1/2" casing from 5902' to 5910' with 4 jet shots per foot. Acidised perforations through 2" tubing with 1000 gallons of regular 15% acid. Perforated 4-1/2" casing from 5828' to 5835', 5850' to 5866' and 5884' to 5896' with 4 jet shots per foot. Ran 2" tubing to 5900' with packer set at 5700' and acidised perforations in 2 stages with 7000 gallons of regular 15% acid using 250 gallons of fix-a-frac.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.					
Company TRXACO Inc.	-				
Address P. O. Box 817					
Farmington, New Mexico	By C. H. M. Cool				
	Title Asst, Dist, Sup't,				

W Z

Budget au No. 42-R355.4. Approva: 6....ires 12-31-60.

U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-503-2057

LEASE OR PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address FOX 317. Farmington. Nelson or Tract Navajo Tribe "P" Field McElmo Creek State Utal Well No. 18 Sec 34 T40-S 125-E Meridian SLM County San Juan Location 560 ft	•	VELL	ias w	L OR G	of O	LOC		CORRECTLY	ATE WELL	LOC
Lessor or Tract Nava 10 Tribe "P" Field McElmo Creek State Utal Well No. 13 Sec 34 T40-S R-2-E Meridian SLM County San Juan	N. M.	zton.	Farming	Box 317, I	Address		•	XACO Inc.	ny TE	Compa
Well No. 13 Sec 34 T40-S 125-E Meridian SLM County San Juan Location 560 ft S of M Line and 650 ft E Line of Section 34 Elevat The information given herewith is a complete and correct record of the well and all work do so far as can be determined from all available records. Signed Date July 31, 1959 Title Dist. Sup! The summary on this page is for the condition of the well at above date. Commenced drilling May 13, 1959 Finished drilling June 2 OH OR GAS SANDS OR ZONES No. 1, from 100 No. 4, from 100 No. 3, from 100 No. 3, from 100 No. 3, from 100 No. 4, from 100 No. 2, from 100 No. 4, from 100 No. 2, from 100 No. 4, from 100 No. 2, from 100 No. 4, from 100 No. 4, from 100 No. 2, from 100 No. 4, from 100	2	Uta	ek State	cElmo Cree	Field	"p"	Tribe	Navajo		
Location S60 ft S of N Line and 650 ft E of E Line of Section 34 Elevat (December 10)									o. 18	Well N
The information given herewith is a complete and correct record of the well and all work do so far as can be determined from all available records. Signed Date July 31, 1959 Title Dist. Sup. The summary on this page is for the condition of the well at above date. Commenced drilling May 13, 1959 Finished drilling June 2 OHL OR GAS SANDS OR ZONES No. 1, from to No. 4, from to No. 3, from to No. 3, from to No. 3, from to No. 4, from to No. 3, from to No. 4, from to No. 4, from to No. 4, from to No. 2, from to No. 4, fr	tion 4969	Eleva	ion 34	ine of _Sect.	E. of E. I	d 650 ft.	Line ar	ft. of N	on 660	Locatio
Title Dist Sup The summary on this page is for the condition of the well at above date. Commenced drilling 12 13 1959 Finished drilling 12 2 OHLOR GAS SANDS OR ZONES (Dinnete gas by 6) No. 1, from 5223 to 5710 No. 4, from to No. 5, from to No. 3, from to No. 6, from to No. 3, from to No. 6, from to No. 1, from No. 1 to No. 3, from to No. 4, from to No. 1, from No. 1 to No. 2, from to No. 4, from to No. 4, from to No. 2, from to No. 4, from to No. 4, from to No. 2, from to No. 4, from to No. 6, from to No. 5, from to No. 6, from to No. 6, from to No. 6, from No. 6, from No. 6, from No. 7, from No. 1, from No. 8, from No. 9, from No. 1, from No. 1, from No. 1, from No. 1, from No. 2, from No. 2, from No. 4, from No. 6, from No. 6, from No. 1, from No. 6, from No. 1, from No. 6, from No. 6, from No. 1, from No. 6, from No. 1, from No. 6, from N	one thereo	ll work do	rell and all	ecord of the w	and correct	a complete	erewith is	ation given h	ne informa	Tl
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Form 9-380

Adaptors-Material---

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Heaving plug

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Length

Method used

MUDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

PLUGS AND ADAPTERS

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Agency	Have jo

Allottee	
Lease No. 14-	20-603-205

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(14 Sec. and Sec. No.)	40-8 25-E (Range)	(Meridian)	
Mine Grania		•	h
(Field)	(County or Subdivision)	(State or T	erritory)
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	DETAILS OF W	ORK	
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ne elevation of the derrick flo	DETAILS OF W ejective sands; show sizes, weights, and ing points, and all other importan	ORK d lengths of proposed casings; indicat t proposed work)	
empleted installing 4-14-60. On test	DETAILS OF W ejective sands; show sizes, weights, and ing points, and all other importan	ORK d lengths of proposed casings; indicat t proposed work)	
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mpleted installing 4-14-60. On test previty oil in a crokes per minute. I understand that this plan of work memory TEXACO Inc.	DETAILS OF Websites and sizes, weights, and ing points, and all other important points, and al	ORK d lengths of proposed casings; indicate t proposed work) It and well comments well pumped 260 b of pump stroke 34	oed pumpin arrels of " with 13
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Mobil Oil Corporation

P.O. BOX 5444 DENVER CC/LORADO 60217

January 14, 1985

Utah Divison of Oil, Gas and Mining 355 W. North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 RECEIVED

FEB 0:

Attention: Ms. Dianne Nielson, Director

GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, obtains sorror atom began acting on behalf of the superior it companies a service contractor, for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

PERMITS ONLY

Mobil Oil Corporation P.O. Box 5444 Denver, Colorado 80217-5444

Attention: R. D. Baker (303) 298-2577

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

R. D. Baker

Environmental & Regulatory Manager - West

Enclosure

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly cwned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

Environmental Regulatory Manager

CNE/rd CNE8661

5 >

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2) FOR THE CORTEZ SUPERVISOR AREA FOR THE GREATER ANETH FIELD 05/13/86

					3	
PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC TWNSHP RNG	VELL Å FEDERAL STA TYPE T API HUMBER LEASE NUMBER NUM	TE UNIT
NC ELMO CREEK	T-13	KAUL MAZ	UT	NW NE 04-415-25E	INJ OP 43-037-05714 14-20-603-2057	98-004190
	T-14	MAUL MAZ	UT	SW NE 04-415-25E	PROD CP 43-037-30459 14-20-603-2057	96-004190
	1-15	MAUL MAZ	UT	NW SE 04-415-25E	INJ OP 43-037-05660 14-20-603-2057	96-004190
	T-16	MAUL MAZ	UT	SW SE 64-413-25E	PROD CP 43-037-30654 14-26-603-2057	96-004190
	T-17	SAN JUAN	ÜΓ	NW NE 09-415-25E	INJ 07 43-037-05614 14-20-603-359	96-004170
	T-18	SAN JUAN	UT	SW NE 09-415-25E	PROD OP 43-037-30781 14-20-603-359	96-004190
	T-19	MAUL MAZ	UT	NU SE 09-415-25E	INJ OF 43-037-15981 14-20-603-359	96-004190
	U-05	SAR JUAN	UT	NE NE 28-405-25E	PROD SI 43-037-15333 14-20-603-2048-A	96-604190
	U-07	HAUL HAZ	UT	NE SE 28-405-25E	PROD SI 43-037-15334 14-20-603-2048	96-004190
	U-68	SAN JUAN	UT	SE SE 28-40S-25E	PROD OP 43-037-30454 14-20-603-2048	96-004190
	U-09	SAN JUAN	UT	NE NE 33-405-25E	PROD OP 43-037-31122 14-20-603-2057	96-004190
	U-10	SAN JUAN	UT	SE NE 33~40S-25E	INJ OF 43-037-05761 14-20-603-2057	96-004190
	U-11	SAN JUAN	UΤ	NE SE 33-40S-25E	PROD TA 43-037-30455 14-20-603-2057	98-004190
	U-12	MAUL MAZ	UT	SE SE 33-40S-25E	PROD OF 43-037-16155 14-20-603-2037	96-004190
	U-13	SAN JUAN	Uľ	HE NE 04-418-25E	PROD CP 43-037-30458 14-20-603-2057	96-904190
	U-14	SAN JUAN	UT	SE NE 64-413-256	PROD OP 43-037-16156 14-20-603-2057	96-004190
	U-15	SAN JUAN	ΤU	NE SE 04-418-25E	PROD OF 43-937-30633 14-20-603-2057	96-004190
	U-16	SAN JUAN	UT	SE SE 04-41S-25E	FROD OP 43-637-16157 14-20-663-2057	96-004190
	U-17	SAN JUAN	UT	NE NE 09-415-25E	PROD OF 43-037-30782 14-20-603-359	96-004 19 0
	U-18	MAUL MAZ	ប្រ	SE NE 09-41S-25E	PROD OF 43-037-15982 14-20-603-359	96-004190
	V-06	SAN JUAN	UT	SW NW 27-408-25E	INJ CP 43-037-16382 14-20-603-2048-A	96-004190
	V-68	SAN JUAN	UT	SW SW 27-405-25E	PROD SI 43-037-15335 14-20-603-2048-A	96-004190
	V-09	SAN JUAN	UT	NW NW 34-40S-25E	PROD SI 43-037-16158 14-20-603-2057	96-004190
	V-11	SAN JUAN	UT	NW SW 34-40S-25E	PROD SI 43-637-16159 14-20-663-2057	96 -004190
	V-13	SAN JUAN	UT	HA HA 03-413-25E	INJ 8P 43-037-05706 14-20-603-2057	96-004190
	V-14	SAR JUAN	UT	SW NW 03-415-25E	PROD OP 43-037-30653 14-20-603-2057	96- 004190
	V-15	SAN ଅଧିନାୟ	UT	HU SI 63-413-25E	INU OP 43-037-05669 14-20-603-2057	96-004170
	V-16	HAUL MAZ	ŬΤ	SN SN 63-418-258	CDMP 43-637-31183 14-20-603-2057	96-004190
	V-17	MAUL MAZ	UT	พมาหมี 10-41S-25E	PROD SI 43-037-20093 14-20-603-359	96-004190
	¥-14	MAUL MAZ	UT	SE NW 03-418-25E	PROD SI 43-037-16160 14-20-603-2057	96-004190

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

4. Location of Well	IAN 23 1989 10. L. GAS & MINING 11.	Unit Agreement Name MCELMO CREEK Farm or Lease Name Well No. V-09 Field and Pool, or Wildcat GREATER ANETH Sec. T,R,M or BLK and Survey or Area SEC. 34, T40S, R25E County, Parish 13. State SAN JUAN UTAH
Fracture Treat /_/ Multiple Complete /_/	Subsequent Report o	f: Repairing Well /_/ Altering Casing /_/
17. Describe Proposed or Completed Operations (Clearly stincluding estimated date of starting any proposed work. locations and measured and true vertical depths for all materials. At this time it is uneconomic to return the all CO2 flood patterns have been established. Our potential within the next two years. Mobil Oil will any work needed to properly secure the well.	If well is directionally di arkers and zone pertinent of the current TA'd statu is well to production a rently, it is not fores	rilled, give subsurface to this work) * s until further development of the (and it's future use is unknown until een that this well will have any
18. I hereby certify that the foregoing is true a Signed: T. Wayne McHERSON	nd correct Title: ENGINEER	Date: 1/18/89
(This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE:	DATE:

5. Lease Designation &

6. If Indian, Allottee or Tribe Name

Serial No.

NAVAJO

Form 3160-5 (Movember 1983) (Formally 9-331)	DEPARTMENT	ID STATES OF INTERIOR LAND HANAGENERY	Submit Original & 6 Copies
			5. Lease Designation & Serial No. Unit 96-004190
	SUNDRY NOTICES	AND REPORTS ON WELLS	6. Indian, Allottee Tribe Hame Navajo Tribal
1. Oil Well [X] Gas Well [] 0	ther The		7. Unit Agreement Mame McRimo Creek
2. Name Of Operator MOBIL OIL CORPORATION			8. Farm or Lease Hame McKlmo Creek Unit
3. Address Of Operator P.O. DRAWER G. CORTEZ. CO. 81321	(a)	APR 0 2 1990 🖼	9. Nell No. V-09 (V-09)
4. Location of Well		DATISION OF	10. Field & Pool, or Wildcat
660' FNL, 660' FWL		OIL, GAS & MINING	Greater Aneth 11. Sec., T., R.,
14. Permit Number	I 15. Elevation	71 // 1/01/19/19/19	Sec 34, 740 S, R2. 12. County I 13. State
43 - 037 - 16 15 8 16. Check Approprite Box	I DF: 4967 To Indicate Natur	7' KR: 4968' Te of Notice, Report, or Oth	<u>San Juan I Otah</u> er Data
Notice of Intention To:	Ann Contro ()		uent Report Of:
Test Water Shut-off [] Pull or Al Fracture Treat [] Multiple C	ter Casing [] omplete []	Water Shut-off Practure Treatment	[] Repairing Well [] [] Altering Casing []
Shoot or Acidize [] Abandon	[]	Shooting or Acidizing	
Repair Well [] Change Pla OTHER Long Term Shut In	ns [] []	OTHER	[]
17. Describe Proposed or Completed Operat	ions		
Mobil requests an extension of the shut-injection distribution system and total unimplemented to determine extent to down-himplementation of CO2 flooding. Reactival projected to be done within one to two years.	pgrade of the wate ole reconditioning ting wells to CO2	er injection system. Evalua g for injection and to deter	tion of each well is being mine strategies for sequential
			OIL AND MIS
			DRM : 7
			- JRB CLH
			DTO SLS
Mobil Exploration and Producing U. S. Inc	. as agent for Mol	oil Oil Corporation	0.TAS 3. MICROFILM

FILE

Title Sr. Environmental Engineer Date 3/30/90

Conditions of Approval If Any:

Approved By__

18. I hereby certify that the foregoing information is true and correct.

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

		14-20-603-2057
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals		6. If Indian, Allottee or Tribe Name
		NAVAJO TRIBAL
OUDANT	THE TRIPLICATE	7. If Unit or CA, Agreement Designation
SUBMIT	IN TRIPLICATE	MCELMO CREEK
1. Type of Well		
K Oil Gas Other		8. Well Name and No.
2. Name of Operator		V-09
MOBIL OIL CORPORATION		9. API Well No.
3. Address and Telephone No.	(047) 000 0505	43-037-16158
P.O. BOX 633 MIDLAND, TX 79702	(915) 688–2585	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D	escription)	GREATER ANETH
COLUMN COLUMN COL	. 34, T40S, R25E	11. County or Parish, State
660' FNL, 660' FWL Sec	. 34, 1405, RZJE	SAN IIIAN LIT
		SAN JUAN, UT
12. CHECK APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	1
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
outside: Notice	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other SI/TA EXTENSION	Dispose Water
		(Note: Report results of multiple completion on Well
13 Describe Proposed or Completed Operations (Clearly state t	In the state of starting the starting of	Completion or Recompletion Report and Log form.)
give subsurface locations and measured and true verti	ical depths for all markers and zones pertinent to this work.)*	·
MOBIL REQUESTS AN EXTENSION OF THE	E SHUT-IN/TA'D STATUS OF THIS WELL. MOBIL	IS IN THE FINAL PHASE OF THE
FIELD-WIDE CO2 INJECTION DISTRIBUTION	SYSTEM AND TOTAL UPGRADE OF THE WATER IN	JECTION SYSTEM. EVALUATION
OF EACH WELL IS BEING IMPLEMENTED TO	D DETERMINE EXTENT TO DOWN-HOLE RECONDITION	ONING FOR INJECTION.
REACTIVATING WELLS TO CO2 FLOODING A	ND/OR MAKING FINAL DETERMINATION ON EACH V	VELL IS PROJECTED TO BE DONE
WITHIN ONE TO TWO YEARS OR TO PLUG	AND ABANDON WELL.	
		12 WEST 12 1
	""(····································	
	48	FEB 28 1991

DIVISION OF OIL, GAS & MINING

4. I hereby pertify that the foregoing is true and correct Signed SHIRLEY TODD	Title	_{Date} 2-25-91
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title	Date

Form 3160-5

UNITED STATES

FORM APPROVED

(June 1990)	DEPARTMENT OF TH BUREAU OF LAND MA		Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.
	SUNDRY NOTICES AND RE		14-20-603-2057 6. If Indian, Allottee or Tribe Name
Do not use th		eepen or reentry to a different reservoir.	
	SUBMIT IN TRIP	LICATE	7. If Unit or CA, Agreement Designation MCELMO CREEK
	Gas Well Other		8. Well Name and No. NAVAJOP-18
2. Name of Operator MOBIL OIL CO	ORPORATION		(V-09) 9. API Well No.
3. Address and Teleph		(915) 688–2585	43-037-16158
P.O. BOX 63 4. Location of Well (I	3 MIDLAND, TX 79702 Footage, Sec., T., R., M., or Survey Description)	(913) 000-2303	10. Field and Pool, or Exploratory Area GREATER ANETH
CCOL THE CA	COL FUL Co. 24 TARC DOET		11. County or Parish, State
OOU FNL, O	60' FWL Sec. 34, T40S, R25E		SAN JUAN, UTAH
12. CHEC	CK APPROPRIATE BOX(s) TO IN	DICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE	OF SUBMISSION	TYPE OF ACTION	
No	Ptice of Intent	Abandonment	Change of Plans
	absequent Report	Recompletion Plugging Back	New Construction Non-Routine Fracturing
		Casing Repair	Water Shut-Off
L Fi	nal Abandonment Notice	Altering Casing Other SI/TA EXTENSION	Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well
13 Describe Personnel	as Completed Operations (Clearly, state all postinger de	ails, and give pertinent dates, including estimated date of starti	Completion or Recompletion Report and Log form.)
MOBIL REQUESTS FIELD-WIDE COS OF EACH WELL REACTIVATING W	2 INJECTION DISTRIBUTION SYSTEM A IS BEING IMPLEMENTED TO DETERM	'A'D STATUS OF THIS WELL. MOBIL IS I AND TOTAL UPGRADE OF THE WATER IN. IINE EXTENT TO DOWN-HOLE RECONDITION AKING FINAL DETERMINATION ON EACH W	JECTION SYSTEM. EVALUATION ONING FOR INJECTION.
	OF UTALL DAY THE STATE OF UTALL DAY AND ANNING		FEB 2 0 1992
BY:	Matheus	<u>-</u>	ENISION OF

14. I hereby carrify that the foregoing is true and correct Title ENVIRONMENTAL & REGULATORY TECH FEB. 17, 1992 SHIRLEY TODD (This space for Federal or State office use) Approved by Conditions of approval, if any: Title . Date .

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Expires: March 31, 1993 5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

NAVAJO TRIBAL

14-20-603-2057

6. If Indian, Allottee or Tribe Name

SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation MCELMO CREEK
1. Type of Well Oil Well Other 2. Name of Operator MOBIL OIL CORPORATION		8. Well Name and No. V-09 9. API Well No.
3. Address and Telephone No. P O BOX 633 MIDLAND TX 79702	(915) 688–2585	43-037-16158 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D	escription)	GREATER ANETH
660' FNL, 660' FWL SEC. 34, T40S,	. H25E	11. County or Parish, State SAN JUAN, UTAH
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other SI/TA EXTENSION	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MOBIL REQUESTS AN EXTENSION OF THE SI/TA'D STATUS OF THIS WELL. THIS WELL IS IN AN AREA OF THE FIELD THAT IS UNDEVELOPED AND CONSEQUENTLY WILL SEE NO CO2 RESPONSE. AS THE CO2 FLOOD MATURES, IT IS POSSIBLE THAT TERTIARY OIL COULD BE PUSHED TO THESE FRINGE WELLS. UNTIL THEN, MOBIL WISHES TO MAINTAIN THE WELLBORE WHICH COULD POSSIBLY BE UNED AS AM OBSERVATION WELL OR MUCH LATER, ECONOMIC PRODUCER. TO REDRILL IN THE FUTURE WOULD COST \$600,000 AND WOULD NOT BE ECONOMICALLY FEASIBLE.



DIVISION OF OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct Signed Shaley dodd	Title Enguneering	Jechnician	Date \-27-95	
(This space for Federal or State office use)			Date	
Approved byConditions of approval, if any:	Title	A STATE OF THE STA	Date	

UNITED STATES Form 3160-5 FORM APPROVED Budget Bureau No. 1004-0135 (June 1990) DEPARTMENT OF THE INTERIOR Expires: March 31, 1993 **BUREAU OF LAND MANAGEMENT** 5. Lease Designation and Serial No. 14-20-603-2057 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals NAVAJO TRIBAL 7. If Unit or CA, Agreement Designation SUBMIT IN THIPLICATE MCELMO CREEK 1. Type of Well Oil Well FFB 1 2 1993 8. Well Name and No. 2. Name of Operator V-09 MOBIL OIL CORPORATION 9. API Well No. 3. Address and Telephone No. 43-037-16158 P 0 BOX 633 MIDLAND TX 79702 (915) 688-2585 10. Field and Pool, or Exploratory Area Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL, 660' FWL SEC. 34, T40S, R25E **GREATER ANETH** 11. County or Parish, State SAN JUAN, UTAH CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** X Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other SI/TA EXTENSION Dispose Water (Note: Report results of multiple co-Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MOBIL REQUESTS AN EXTENSION OF THE SI/TA'D STATUS OF THIS WELL. THIS WELL IS IN AN AREA OF THE FIELD THAT IS UNDEVELOPED AND CONSEQUENTLY WILL SEE NO CO2 RESPONSE. AS THE CO2 FLOOD MATURES, IT IS POSSIBLE THAT TERTIARY OIL COULD BE PUSHED TO THESE FRINGE WELLS. UNTIL THEN, MOBIL WISHES TO MAINTAIN THE WELLBORE WHICH COULD POSSIBLY BE UNED AS AM OBSERVATION WELL OR MUCH LATER, ECONOMIC PRODUCER. TO REDRILL IN THE FUTURE WOULD COST \$600,000 AND WOULD NOT BE ECONOMICALLY FEASIBLE. 14. I hereby certify that the foregoing is true and correct ZP-75

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

Title

(This space for Federal or State office use)

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No. 14-20-603-2057

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals

OLAVAN	TRIBAL

1. Type of Well X Well	8. Well Name and No. V-09
	9. API Well No.
3. Address and Telephone No. P O BOX 633 MIDLAND. TX 79702 (915) 688-2585	43-037-16158
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area GREATER ANETH
660' FNL, 660' FWL SEC.34, T40S, R25E"	11. County or Parish, State SAN JUAN, UTAH
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
Notice of Intent Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting Casing Casing Other	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
SEE ATTACHMENTS

SEP 2 2 1993

DIVISION OF OIL, GAS & MINING

9/24/93 - FAN nott hus

14. I hereby certify that the foregoing is true and correct	•	
Signed Shirley Jodd SHIRLEY TODD	Title ENV. & REG. TECHNICIAN	Date 9-16-93
(This space for Federal or State office use)		
Approved by Conditions of approval, if any:	Title	Date

McElmo Creek Unit V-09 Uneconomical Well

PLUG AND ABANDONMENT PROCEDURE

NOTE: Any revisions to the following procedure are subject to Mobil and BLM approval.

- 1. Notify Mark Kelley with the Bureau of Land Management at 505/599-8900 at least 48 hours prior to plugging the well. Document date/time BLM is notified and also document the date/time that BLM representative is on location.
- 2. MI workover rig. Load well with lease water. NU and FT BOP's. RIH with 3-7/8" bit without nozzles, casing scraper for 4-1/2". 9.5 lb/ft casing and bulldog bailer on 2-3/8" workstring. CO to 5915'. POH. RU wireline. RIH with cement retainer and set at 5537'. POH. RD wireline. RIH with star-quide stinger and 500' of 2-3/8" CS Hydril tubing on 2-3/8" workstring. Sting into cement retainer and pressure test backside to 200 psi and monitor. Establish an injection rate of 1-2 BPM using lease water. Mix and pump 5 bbls fresh water spacer, 68 cu ft of class B 15.6 ppg neat cement, 5 bbls fresh water spacer. Displace cement to cement retainer using lease water. Do not exceed 2000 psi surface injection pressure. Pull out of cement retainer and reverse out hole to 9 ppg fresh water mud having a minimum viscosity of 50 sec/qt containing a minimum of 15 lbs/bbl of sodium bentonite and a nonfermenting polymer.
- 3. PU to 4871' and spot 18 cu ft of class B 15.6 ppg neat cement from 4871'-4671'. Pull out of cement plug at less than 30 ft/min. WOC.
- 4. Tao top of cement plug with workstring. Cement top must be above 4721'. Spot additional cement as necessary. POH laying down all but 1790' of 2-3/8" workstring.
- 5. RU wireline. RIH with jet cutter and cut 4-1/2" casing at 1790'.

 POH. RD wireline. Spear and recover 4-1/2", 9.5 lb/ft casing. If
 4-1/2" casing string was recovered Go To Step No. 7.

- 6. If 4-1/2" casing string is cut but cannot be recovered. RIH with cement retainer on 500' of 2-3/8" CS Hydril tubing and 2-3/8" workstring and set at 1740'. PT backside to 200 psi and monitor. Establish injection rate of 1-2 BPM using 9 ppg mud taking returns on 4-1/2" casing annulus. Mix and pump 830 cu ft of class B 15.6 ppg neat cement (includes 100 percent excess as required by BLM) and displace cement to cement retainer. Note: If get good uncontaminated cement returns, the pumping of cement can be discontinued. Pull out of cement retainer and reverse out with 9 ppg mud. POH and lay down drag block setting tool. RIH with 500' of 2-3/8" CS Hydril tailpipe on 2-3/8" workstring to top of cement retainer at 1740'. Fill hole with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 159 cu ft. Go To Step No. 8.
- 7. RIH with 500' of 2-3/8" CS Hydril tailpipe on 2-3/8" workstring to 1790'. Fill hole from 1790' to surface with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 608 cu ft.
- 8. If top of casing strings are above ground level, cut off casing strings at ground level. Top off all casing annuli with cement. Use 1" spagetti string if necessary to spot cement. Weld on a 1/4" steel plate having a 1/4" weep hole. Steel plate should cover all casing strings and have the following information welded to the top of the plate:

Mobil E&P U.S., Inc. McElmo Creek Unit #V-09 Navajo Tribal Lease 14-20-603-2057 660' FNL. 660' FWL Sec. 34 - T40S - R25E San Juan Co., Utah

7. RDMO workover rig. Haul off salvaged equipment and clean location. Notify Shirley Todd with Mobil at 918/688-2585 when work is completed so that a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5) can be filed with the Bureau of Land Management.

Mobil Operations Engineer: Sean S. Murphy
Office Phone: 303/565-2208
Home Phone: 303/564-9423

ENGINEERS CALCULATION TET Mc Elmo Creek Unit # V-09

- API # 43-037-1615	5 8	JOB OR AUTH. NO.
LOCATION 660' FNL, 660' FWL SO		5E PAGE
SUBJECT Plug and Abar	ndon	DATE 8/Sept /93
LEASE 14-20-603-2057		sy S.S. Murphy
		
	EXISTING	•
KB 4968		
GL 4958'		~
_ <u>:</u>		
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••••		
~		8-58", 24# at 1500'
Top of Chinle at 1690'		contid w/1000 sxs to
		surface
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		TOC at 4106 (Calc.)
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	コード	
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Top of Hermosa at 4771	_	
	=	•
· · · · · · · · · · · · · · · · · · ·	7	·
Top of Ismay 5637'	-	
		PERFS
	<u> </u>	5828-5835', 5850-5866'
	ま ま	5 884 - 58 96', 5902-5910'
en e		w/45PF
	手巨	
		4-1/2 9.5# at 5917 cmt'd
Hole Size: 6-34"	EQUI)	w/250 sxs
	PBTD 5914'	
	TO 5917'	and the second s

ENGINEERS CALCULATION: ET McElmo Creek Unit # V-09

/VIC.L	IMO OFCE	K UNIT TT V
- API # 43-037-161	<i>58</i>	JOB OR AUTH. NO.
LOCATION 660' FNL, 660' FWL S		?2 <i>5E</i> PAGE
SUBJECT Plug and Aba	_	DATE 8/Sept/93
LEASE 14-20-603-2057		BY S.S. Murphy
	PROPOSE	
KB 4968		
GL 4958'		~ ~~
	~~~~	Class B Cement
		Plug 0- 1790'
	~~~~	
~	~~~	
		0-5" 7114 1 500
		8-%, 24# at 1500'
Top of Chine at 1690'	~~~	= cmt!d w/1000 sxs to
	~~~	surface
		4-1/2" Casing cut and
		recovered at 1790'
9 PPG Mud-	<del>                                      </del>	, carera 1, 1, 1, 1
•		
		1 11000 ((1/2)
		TOC at 4106 (Calc.)
· ·- ·-	TOC 4671	2
		- class B coment
		= Class B coment
		= Plug 4671'- 4871'(200')
Top of Hermosa at 4771'		
		- potainer at
- 9 PPG Mud	~	Cement Retainer at
		55371
Top of Ismay 5637'		<del>-</del>
		PERFS (SQZD)
(1 = R (2 = + -	+	_ 5828-5835', 5850-5866'
Class B Cement -	7 7	= 5884 - 5896', 5902-5910'
Plug 5537'- 5910'	主意	- w/45PF
11.1		= 4-1/2, 9.5# at 5917' cmt'd
Hole Size: 6-34"		w/250 sxs
- ·	18	•
	TD 5917	

Form 3160-5 (June 1990)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	F	DRM	APP	ROV	ED	
В	udget	Bure	as No	. 10	04-0	133
	Expi	res:	Marc	Ŀ 31.	1993	

5. Lease Designation and Serial No. 14-20-603-2057

6. If Indian, Allottee or Tribe Name

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

**NAVAJO TRIBAL** 

SUBMIT	7. If Unit or CA, Agreement Designation MCELMO CREEK UNIT	
1. Type of Well    Solit   Gas   Other		8. Well Name and No. V-09 9. API Well No.
3. Address and Telephone No. P O BOX 633 MIDLAND, TX 79702	(915) 688–2585	43-037-16158 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D 660' FNL, 660 FWL SEC.34, T40S,	escription) R25E	GREATER ANETH  11. County or Parish, State
12. CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, REPO	SAN JUAN, UTAH RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent  Subsequent Report  Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PLUG & ABANDONMENT	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion and Log form.)
13. Describe Proposed or Completed Operations (Clearly state a	Il pertinent details, and give pertinent dates, including estimated date of startin	g any proposed work. If well is directionally drilled,

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-03-93 MIRU SET CIBP AT 5728. PRESS TEST CSG AT 500 PSI. PERF W/4SPF 1786-1790. CIRC THRU PERFS.

12-06-93 PUMP 17 SXS (20 CU. FT.) CL B CMT (YIELD 1.18 15.6 PPG AT 5728-5510' (218). PUMP 24 SXS (28 CU FT) AT 4871-4564 (307) WOC. TAG CMT AT 4569. CIRC. THRU CICR & OUT 8 5/8 - 4 1/2 ANN. PUMP 423 SX (499 CU FT). CIRC TO SURF. FILL 4 1/2 CSG FROM CICR AT 1712 TO SURF W/141 SX (166 CU FT. P & A COMPLETE CUT CSG OFF & WELD ON PLATE.

DECEMBER OF

DEC 2 0 1993

DIVIDION OF OIL, DAS & MINING

14. I hereby certify that the foregoing is true and correct Signed Shiples Shiples SHIRLEY TODD	Title ENV. & REG. TECHNICIAN	Dete 12-14-93
(This space for Federal or State office use)  Approved by Conditions of approval, if any:	Title	Date